



- 1/10 -

SEQUENCE LISTING

<110> FRASER, Paul

<120> Inhibitors of Amyloid Fibril Formation and Uses Thereof

<130> 090931-380575

<140>

<141>

<150> PCT/CA2005/000247

<151> 2005-02-22

<150> US 60/546,186

<151> 2004-02-23

<160> 39

<170> PatentIn version 3.3

<210> 1

<211> 37

<212> PRT

<213> Homo sapiens

<400> 1

Lys Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu  
1 5 10 15

Val His Ser Ser Asn Asn Phe Gly Ala Ile Leu Ser Ser Thr Asn Val  
20 25 30

Gly Ser Asn Thr Tyr  
35

<210> 2

<211> 37

<212> PRT

<213> Mus musculus

<400> 2

Lys Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu  
1 5 10 15

Val Arg Ser Ser Asn Asn Leu Gly Pro Val Leu Pro Pro Thr Asn Val  
20 25 30

Gly Ser Asn Thr Tyr

35

<210> 3  
<211> 11  
<212> PRT  
<213> Homo sapiens

<400> 3

Ala Thr Gln Arg Leu Ala Asn Phe Leu Val His  
1 5 10

<210> 4  
<211> 10  
<212> PRT  
<213> Homo sapiens

<400> 4

Ser Asn Asn Phe Gly Ala Ile Leu Ser Ser  
1 5 10

<210> 5  
<211> 7  
<212> PRT  
<213> Homo sapiens

<400> 5

Asn Val Gly Ser Asn Thr Tyr  
1 5

<210> 6  
<211> 6  
<212> PRT  
<213> Artificial

<220>  
<223> Hexapeptide derived from human IAPP

<400> 6

Ala Thr Gln Arg Leu Ala  
1 5

<210> 7  
<211> 6  
<212> PRT  
<213> Artificial

<220>  
<223> Hexapeptide derived from human IAPP

<400> .7

Thr Gln Arg Leu Ala Asn  
1 5

<210> 8

<211> 6

<212> PRT

<213> Artificial

<220>

<223> Hexapeptide derived from human IAPP

<400> 8

Gln Arg Leu Ala Asn Phe  
1 5

<210> 9

<211> 6

<212> PRT

<213> Artificial

<220>

<223> Hexapeptide derived from human IAPP

<400> 9

Arg Leu Ala Asn Phe Leu  
1 5

<210> 10

<211> 6

<212> PRT

<213> Artificial

<220>

<223> Hexapeptide derived from human IAPP

<400> 10

Leu Ala Asn Phe Leu Val  
1 5

<210> 11

<211> 6

<212> PRT

<213> Artificial

<220>

<223> Hexapeptide derived from human IAPP

<400> 11

Ala Asn Phe. Leu Val His  
1 5

<210> 12

<211> 6

<212> PRT

<213> Artificial

<220>

<223> Hexapeptide derived from human IAPP

<400> 12

Asn Phe Leu Val His Ser  
1 5

<210> 13

<211> 6

<212> PRT

<213> Artificial

<220>

<223> Hexapeptide derived from human IAPP

<400> 13

Phe Leu Val His Ser Ser  
1 5

<210> 14

<211> 6

<212> PRT

<213> Artificial

<220>

<223> Hexapeptide derived from human IAPP

<400> 14

Ser Ser Asn Asn Phe Gly  
1 5

<210> 15

<211> 6

<212> PRT

<213> Artificial

<220>

<223> Hexapeptide derived from human IAPP

<400> 15

Ser Asn Asn Phe Gly Ala  
1 5

<210> 16  
<211> 6  
<212> PRT  
<213> Artificial

<220>  
<223> Hexapeptide derived from human IAPP

<400> 16

Asn Asn Phe Gly Ala Ile  
1 5

<210> 17  
<211> 6  
<212> PRT  
<213> Artificial

<220>  
<223> Hexapeptide derived from human IAPP

<400> 17

Asn Phe Gly Ala Ile Leu  
1 5

<210> 18  
<211> 6  
<212> PRT  
<213> Artificial

<220>  
<223> Hexapeptide derived from human IAPP

<400> 18

Phe Gly Ala Ile Leu Ser  
1 5

<210> 19  
<211> 6  
<212> PRT  
<213> Artificial

<220>  
<223> Hexapeptide derived from human IAPP

<400> 19

Gly Ala Ile Leu Ser Ser  
1 5

<210> 20  
<211> 6  
<212> PRT  
<213> Artificial

<220>  
<223> Hexapeptide derived from human IAPP

<400> 20

Ala Ile Leu Ser Ser Thr  
1 5

<210> 21  
<211> 6  
<212> PRT  
<213> Artificial

<220>  
<223> Hexapeptide derived from human IAPP

<400> 21

Ile Leu Ser Ser Thr Asn  
1 5

<210> 22  
<211> 5  
<212> PRT  
<213> Artificial

<220>  
<223> Pentapeptide derived from human IAPP

<400> 22

Ala Asn Phe Leu Val  
1 5

<210> 23  
<211> 4  
<212> PRT  
<213> Artificial

<220>  
<223> Tetrapeptide derived from human IAPP

<400> 23

Ala Asn Phe Leu  
1

<210> 24

<211> . 3  
<212> PRT  
<213> Artificial

<220>  
<223> Tripeptide derived from human IAPP  
  
<400> 24

Ala Asn Phe  
1

<210> 25  
<211> 3  
<212> PRT  
<213> Artificial

<220>  
<223> Tripeptide derived from human IAPP  
  
<400> 25

Gly Asn Phe  
1

<210> 26  
<211> 3  
<212> PRT  
<213> Artificial

<220>  
<223> Tripeptide derived from human IAPP  
  
<400> 26

Ala Gly Phe  
1

<210> 27  
<211> 3  
<212> PRT  
<213> Artificial

<220>  
<223> Tripeptide derived from human IAPP  
  
<400> 27

Ala Asn Gly  
1

<210> 28  
<211> 3  
<212> PRT

<213> Artificial

<220>

<223> Tripeptide derived from human IAPP

<220>

<221> misc\_feature

<222> (3)..(3)

<223> Xaa can be any naturally occurring amino acid

<400> 28

Ala Asn Xaa

1

<210> 29

<211> 3

<212> PRT

<213> Artificial

<220>

<223> Tripeptide derived from human IAPP

<220>

<221> misc\_feature

<222> (2)..(2)

<223> Xaa can be any naturally occurring amino acid

<400> 29

Ala Xaa Phe

1

<210> 30

<211> 3

<212> PRT

<213> Artificial

<220>

<223> Tripeptide derived from human IAPP

<220>

<221> misc\_feature

<222> (1)..(1)

<223> Xaa can be any naturally occurring amino acid

<400> 30

Xaa Asn Phe

1

<210> 31

<211> 5

<212> PRT

<213> Artificial



<220>

<223> Pentapeptide derived from human IAPP

<400> 31

Asn Phe Leu Val His

1 5

<210> 32

<211> 4

<212> PRT

<213> Artificial

<220>

<223> Tetrapeptide derived from human IAPP

<400> 32

Phe Leu Val His

1

<210> 33

<211> 3

<212> PRT

<213> Artificial

<220>

<223> Tripeptide derived from human IAPP

<400> 33

Asn Phe Leu

1

<210> 34

<211> 3

<212> PRT

<213> Artificial

<220>

<223> Tripeptide derived from human IAPP

<400> 34

Leu Val His

1

<210> 35

<211> 3

<212> PRT

<213> Artificial

<220>

<223> , Tripeptide derived from human IAPP

<400> 35

Phe Leu Val  
1

<210> 36  
<211> 10  
<212> PRT  
<213> Homo sapiens

<400> 36

Gly Ser Asn Lys Gly Ala Ile Ile Gly Leu  
1 5 10

<210> 37  
<211> 10  
<212> PRT  
<213> Homo sapiens

<400> 37

His Val Ala Ala Gly Ala Val Val Gly Gly  
1 5 10

<210> 38  
<211> 13  
<212> PRT  
<213> Homo sapiens

<400> 38

Ala Thr Gln Arg Leu Ala Asn Phe Leu Val His Ser Ser  
1 5 10

<210> 39  
<211> 13  
<212> PRT  
<213> Homo sapiens

<400> 39

Ser Ser Asn Asn Phe Gly Ala Ile Leu Ser Ser Thr Asn  
1 5 10